Industrial AIO Panel PC & Monitor Series

Widescreen 16:9

Square screen 4:3

Product Features

•Industrial AIO Panel PC & Monitor Series

are designed as industrial quality, commercial appearance, including industrial monitors, AIO panel PC and Android panel PC. It not only meets industrial standards, but also adopts industrial aesthetic design, and aluminum alloy structure, making the overall mechanical housing more simple and smooth. The true flat IP65 front panel reduces the possibility of debris accumulation and corrosion.

The display sizes are available in 16:9 aspect ratio with the size of 10.1", 15.6", 19.1", 21.5" ; and 4:3 aspect ratio with the size of 10.4", 12", 15", 17", 19". With durable die-casting housing, powerful performance, full I/O port support, and flexible mounting options, making it perfect for retail, hospitality, medical and industrial uses.

Models

- UMSC101-PM4
- UMSC104-PM4
- UMSC12-PM4
- UMSC15-PM4

- UMSC156-PM4
- UMSC17-PM 4
- UMSC19-PM4
- UMSC215-PM4

Widescreen 16:9   Square screen 4:3

MTS

Product Features

Simple appearance smooth lines

Fashion and simple style, meet the needs of appearance in various environments

Wider field of view

Arc ultra-narrow bezel, feel better, wider field of vision

IP65 dustproof and waterproof

IP65 seamless flat panel, effectively preventing dust and water from entering the inside of the panel pc

HD LCD screen precise touch

LED backlit LCD screen, more beautiful screen, more sensitive touch, longer service life

Product Features

Monitor button panel function

Channel Menu ON/OFF Volume+ Volume- Indicator

Arc heat dissipation structure design

The back cover adopts an arc structure design, and the overall heat dissipation effect of the body is improved several times

High precision aluminum alloy integrated die casting

Specially built for industry, fine workmanship, dust and corrosion resistance, resistance to external impact

AIO key panel buttons

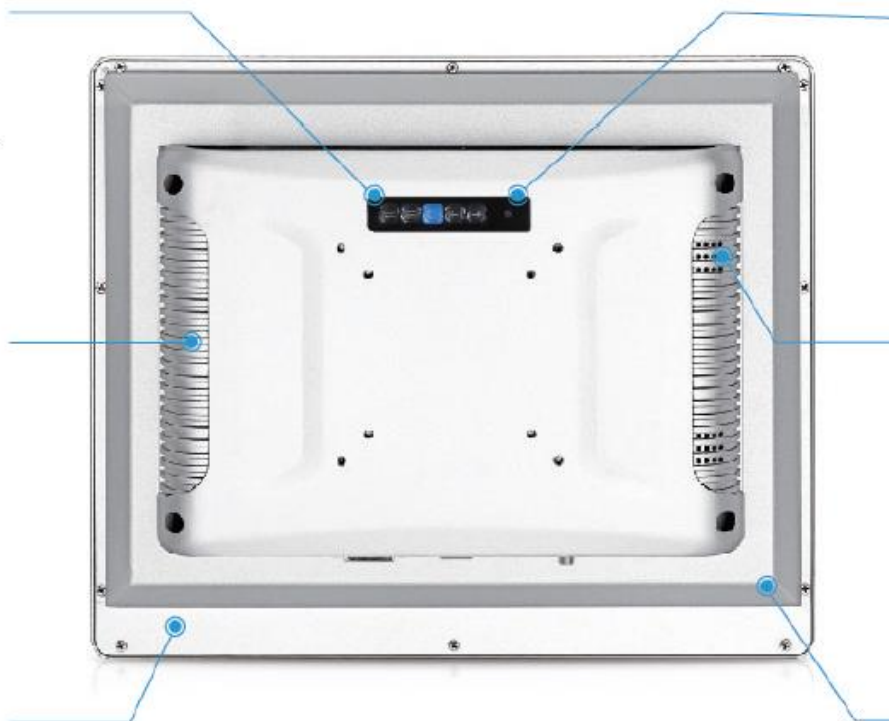Switch button   Indicator

Side dust-proof speaker

Dust-proof net design on the surface of the horn to improve sound penetration and dust-proof effect

Chamfer design of middle plate

The overall feel is more sleek, streamlined design allows the coexistence of beauty and texture

Product Features

monitordriver board	X86 architecture motherboard	ARM architecture motherboard

Overall feature

Moisture and corrosion protection
The motherboard can be painted with three anti-paints: moisture-proof, anti-leakage, dust-proof, corrosion-proof, Anti-aging, corona resistance and other properties

Waterproof and shockproof
The internal parts of Panel PC are fixed by combined screws, which effectively reduce vibration and the body is equipped with waterproof rubber strip

Lightning protection
The motherboard is equipped with conductive capacitors, which can effectively guide lightning to conductive capacitor, protect the main board of the Panel PC

Anti-static
Standard: Port contact 4KV air 8KV, Custom: port contact 6KV air 16KV

High and low temperature resistant design
Use industrial grade wide temperature motherboard, support 10°to 60°C wide temperature operation Custom ultra-wide temperature: 20°C~70°C

EM/EMC level anti-interference standard
The motherboard adopts active ESD protection circuit design, with anti-interference and anti-magnetic design

Withstand voltage
With over-current, over-voltage and reverse connection protection measures, solid-state filtering in the board Capacitor withstand voltage 36V105 degrees

Anti-surge
High protection anti-surge, if voltage rises 280V instantly, Panel PC and Adapter will operate stably
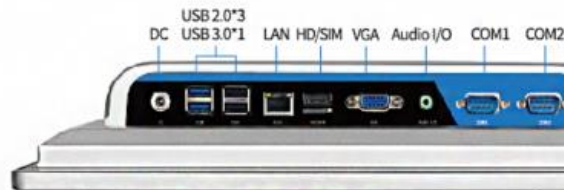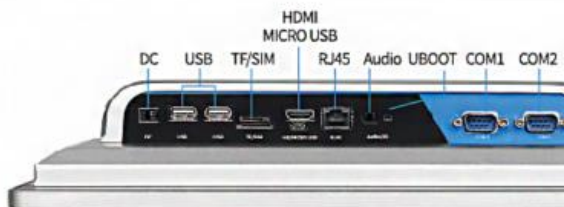
Product Features

X86 AIO PC I/O Port

Upper Panel

COM COM WIFI Ground pole

Lower Panel

DC USB 2.0*3 USB 3.0*1 LAN HD/SIM VGA Audio I/O COM1 COM2

Android Panel PC I/O Port

Upper Panel

COM COM WIFI WIFI 接地柱

Lower Panel

DC USB TF/SIM HDMI MICRO USB RJ45 Audio UBOOT COM1 COM2

(Note: Due to different motherboards, the corresponding interface and position at the bottom are different, subject to the actual product)

Product Features

I/O Port

Industrial monitor I/O Port

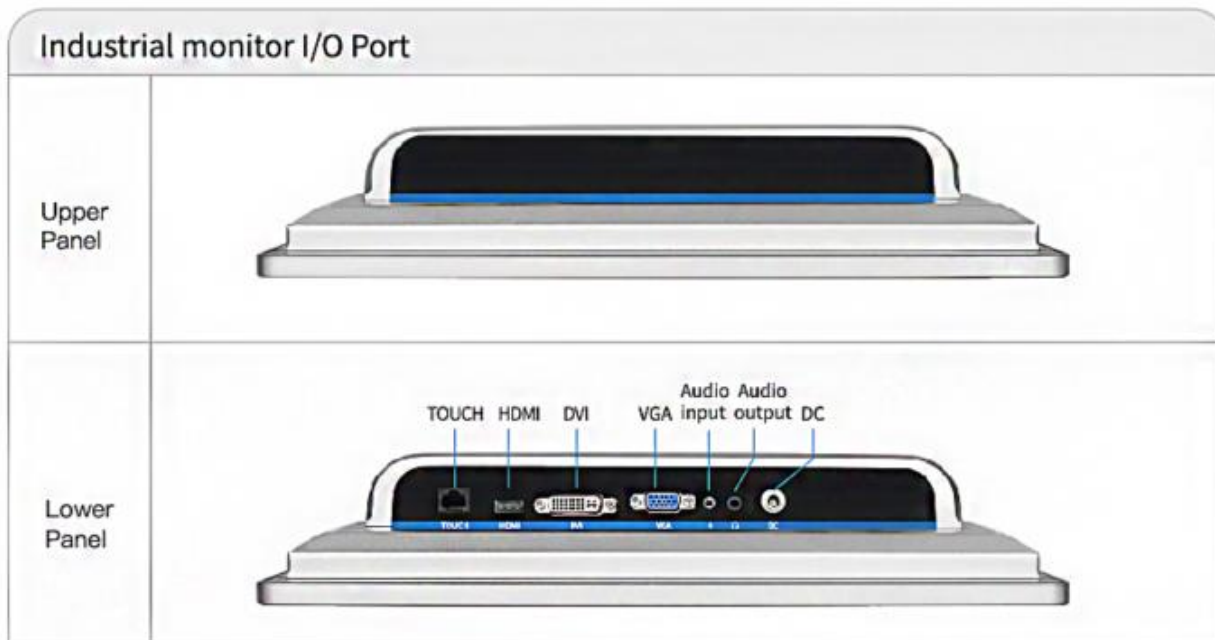|	
Upper Panel	
Lower Panel	TOUCH HDMI DVI VGA Audio input Audio output DC

(Note: Due to different motherboards, the corresponding interface and position at the bottom are different, subject to the actual product)

Specification

Product Size

Spec.	10.1 Inch	10.4 Inch	12 Inch	15 Inch	15.6 Inch
Aspect Ratio	16:10	4:3	4:3	4:3	16:9
Resolution	1280*800	1024*768	1024*768	1024*768	1920*1080

Spec.	17 Inch	19 Inch	19.1 Inch	21.5 Inch
Aspect Ratio	4:3	4:3	16:10	16:9
Resolution	1280*1024	1280*1024	1440*900	1920*1080

MTS

Specification

Specification

General parameters

Screen parameters	Panel type	industrial control screen	Contrast ratio	1000:1
	Backlight type	LED, lifetime ≥50000	Pixel Pitch	0.264mm
	Brightness	300mcd (custom ≤1500mcd high brightness	Response time	5ms
	monitor color	16.7M	Viewing angle	wide viewing angle /full viewing angle
Touch parameter	Touch type	capacitive touch	Touch type	resistive touch
	Lifespan	10 points touch any point can withstand ≥50 million times	Lifespan	single point can withstand ≥3000 times
	Input method	finger or capacitive pen	Input method	fingertip or touch pen
	Surface hardness	Mohs hardness 7H (according to ATSM D363 standard)	Surface hardness	Mohs hardness 3H (according to ATSM D3363 standard)
Performance parameter	Working temperature	-10℃~60℃	Shock resistance	10g acceleration, 11ms cycle
	Storage temperature	-20℃~70℃	Vibration resistance	5-19HZ/10mm amplitude; 19-200HZ/1.0g acceleration
	Working humidity	20%-95% (relative humidity without condensation)	Anti-interference	EM/EMC interference detection standard
Other parameters	Body material	aluminum alloy	Body color	classic gun color technology silver
	Installation method	support wall-mounted, desktop, embedded, cantilever, etc.		

(Note: Due to different motherboards, the corresponding interface and position at the bottom are different, subject to the actual product)

Specification

Android Panel PC			X86 AIO PC		
Configuration parameter	processor	Standard configuration: Allwinner A64 Cortex-A53 quad-core 64-bit Optional: RK3288 quad-core 1.8GHz/RK3399 six-core 2.0GHz	processor	Standard configuration: Inte Celeron J1900 quad-core Option: Inte Celeron J4125、Core i3/i5/i7	
	Memory	2G DDR3 (4G option)	Memory	2G DDR3 (4G/8G/16G options)	
	Storage	8 G eMMC (16G/32G/64g eMMC options)	Storage	64GSSd (128/256/512G options)	
	System	Android6.0 (optional Android7.1/9.0/10.0)	System	windows7/8/10,linux,Ubuntu	
	G P U	Mai-400MP2 (Mali-T764/Mali-T860MP4 optionsl)	Chipset	Intel Bay trail SOC chipset	
	Network support	10M/100M/1000M adaptive Ethernet, wifi, support 3G/4G	Network support	10M/100M/100M adapt to Ethernet wifi, support 3G/4G	
	3G/4G module	support	3G/4G module	support	
	WIFI	2.4G (dual-band 2.4/5G options)	WiFi	2.4G(optional dual-band 2.4/5G)	
	Bluetooth	BT4.0	Bluetooth	optional	
	Speaker	dual speakers	Speaker	dual speakers	
	System upgrade	support local SD, USB upgrade	Graphics	Integrated HD Graphic display core	
	Management settings	support power-on, remote wake-up, automatic reset function	Management settings	support power-on, remote wake-up, automatic reset function	
	Power input	AC100-240V 50/60Hz passed CCC certification, CE certification	Power input	AC100-240V 50/60Hz passed CCC certification, CE certification	
	Power output	DC12V/4A	Power output	Dc12V/5A	
	Packing list	android panel pc, buckle accessories, power cord, power adapter, warranty card	Packing list	main body, buckle accessories, power cord, power adapter, warranty card	

(Note: Due to different motherboards, the corresponding interface and position at the bottom are different, subject to the actual product)

Specification

Desktop installation

Wall mounting

Horizontal shutter installation

Cantilever installation

Cantilever installation

Embedded installation

Target Applications

Business intelligence field

Smart education field

Smart rail transit field

Smart medical field

Smart Factory & Smart Workshop

CNC automation field

Artificial Intelligence

Panel pc vision field

Business Opportunity

For Business Opportunities & Questions!

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